Kodak i5000 Series Scanners Firmware Release Notes

Version 4.1.7 Summary

Purpose of Release: This firmware is a general release for all Kodak i5000 Series scanners. This firmware contains several bug fixes for the Kodak i5000 series scanners.

Date: November 11th, 2014

New Features from FW 3.14.5: (See updated User Documentation for more details.)

1. Support for the new Kodak i5850 model.
   - New features supported by hardware changes
     - Includes full Image Addressing
     - Includes Rear Printer (hardware)
     - Includes Intelligent Document Protection (hardware)
     - Includes wider Image Guides (hardware)
   - New Software features
     - Printer default density is now 10 characters per inch (like i800) (PRINTER_INTER_LINE_DELAY_HV=5)
     - Kodak i5850 only: Removed ability to independently select white background option for front or rear images.
     - Controlled Dual Stacking feature will now sort horizontally formatted patches on the Kodak i5850 scanner only.
2. Added support for several new Alterations
   - Color selection override for the Add Border feature
   - Hole Fill Size Control
   - Disable Interactive Multifeed Rescan
   - Throughput Reduction via Gap control
   - Two Digit Year in Print String Control
   - Elevator Position Override
   - DSP Capture Resolution
   - Led Edge Overscan Adjustment
   - Stop After Feature Patch
3. Added Controlled dual stacking Toggle feature.
4. CR#3881-Improved Hole Fill feature.

Improvements from FW 3.14.5:

1. FW 4.1.7 - PR# 24318: Corrected issue with i5000 Series Scanners failing Image Calibration due to LED parts variation.
2. FW 4.1.7: Added Intelligent Document Protection hardware diagnostics for Kodak Service.
3. FW 4.1.5 - PR# 24234: Corrected issue with printing mirrored text.
4. FW 4.1.4 - CR# 4617: Update Image Addressing - Check Digit feature to support more printing options.
5. FW 4.1.4 - PR#24090: Corrected issue with the Increment IA level buttons on the i5850 scanner control panel.
6. FW 4.1.4 - PR#24151: Corrected problem with T-Patch Images are not being deleted in Kodak Capture Pro.
7. PR23971/22302: Improvements to iThresholding for scan to scan consistency.
8. PR#23511: Added an alteration option to override the Elevator position set by the host software.
9. CR#4018: Add a "Toggle" option for Dual Controlled Stacking in the scanner's control panel.
10. PR#21854: Corrected Errors 112, 116, 036, 115.
11. Eliminated Fan noise when scanner is idle.
12. CR#3973: Changed the method of enabling the Dual Controlled Stacking accessary.
13. PR# 23187, 23200: Corrected issue with fixed cropping causes "Image Processing Failed" message.
14. PR# 23414: Corrected issue with "Best - Intelligent QC" feature for Kodak Capture Pro.

Supported Models:

Kodak i5200, Kodak i5600, Kodak i5800, Kodak i5850
Kodak i5200V, Kodak i5600V

Notes:

- This firmware can be used on all Kodak i5200/i5200V/i5600/i5600V/i5800/i5850 models
- If installing the firmware on Windows 7/8 PC a "Program Compatibility Assistant" message may be displayed. This is normal. Click "This Program installed correctly" to continue.

Version 4.1.4 Summary

Purpose of Release: This firmware release was the first to support the Kodak i5850 scanner.

Date: Sept 29th, 2014

Supported Models:

Kodak i5850

Notes:

- This firmware was certified for the Kodak i5850 model only.
- This firmware has been superseded by version 4.1.7.
- See version 4.1.7 for a list of new features included in this release.
- If installing the firmware on Windows 7 or 8 PC a “Program Compatibility Assistant” message may be displayed. This is normal. Click “This Program installed correctly” to continue.

Version 3.14.5 Summary

Purpose of Release: This (CSM2) update will add support for the new Controlled Dual Stacking accessory, improve the blank page deletion feature and add several other new features. There are also several "bug fixes" as well. See below for more information.

Date: March 25th, 2013

New Features from FW 3.12.2: (See updated User Documentation for more details.)

1. Support for the Kodak i5800 Controlled Dual Stacking Accessory. This new accessory includes a new exit tray with two output stacks. When this accessory is purchased and installed the TWAIN and ISIS scanner drivers will include options to separate either separator sheets(with patch codes) or short documents into an exception stack. There is also an option to trigger exception stacking for pages that trigger a multifeed event. This accessory will allow new or existing customers to cost effectively reuse separator sheets. The accessory will also automatically separate checks or other small documents from the batch. Refer to the User's Guide and driver setup guides for more information. (Firmware and driver update required)
2. This release includes an improved blank page deletion feature that will allow much more control over the deletion or inclusion of pages with very little text. The blank page deletion feature can now distinguish differences between blank pages, and pages with just few characters. Customers that are upgrading from previous firmware versions (who do not adjust their blank page deletion threshold) may find that more pages with sparse text will be included in their image stream. Customers may wish to use the drivers blank page threshold learn feature on the new firmware to re-adjust their blank page deletion threshold. In general, a blank page deletion threshold setting of 5% in the old firmware will be equivalent to about 12% after upgrading to this firmware. (Firmware and driver update required)
3. Added full support for Kodak Asset Management software. The Kodak Asset Management software is a scanner remote monitoring and update solution available for Kodak scanners. This software will allow customers to remotely monitor scanner usage, performance, maintenance, and errors from a web based application. The software will also allow remote update for TWAIN and ISIS drivers and TWAIN shortcuts. (Firmware and driver update required) (http://www.kodak.com/go/assetmanagement)
4. The ISIS driver now includes the cloud connector to enable the use of the EMC Captiva Cloud Toolkit. (ISIS driver update only.)
5. Added support for Windows 8. (Firmware and driver update required)
6. Changed the order of the buttons on the Operator Control Panel to allow easy access to the Clear Path feature.

Improvements from FW 3.12.2:

1. CR# 3052 FW: Reordered Scanner Operator Control panel options to allow easier access to the "Clear Path" feature.
2. CR# 3657 FW: Added support for custom JPEG compression levels.
3. PR# 20493 FW: Corrected imaging issue when scanning playing cards with Auto Orientation enabled.
4. PR# 20437 FW: Corrected Error 1002 (SCB Stop time out) when OCP soft buttons are used "quickly" during Interactive Multifeed handling.
5. PR# 20235 FW: Improved the color processing option for the Automatic setting for Brightness and Contrast
6. PR# 20512 FW: Corrected issue with i5000V scanners exiting first level of Energy Star mode by host initiated scan.
7. PR# 19862 WIA: Corrected "Failed to initialize selected scanner" after deleting default profile.
8. PR# 20798 Driver: Resolved a scanner connection issue.
9. PR# 20547 TWAIN: Print counter (CAP_PRINTERINDEX) not resetting when changing profiles. This is not the expected behavior. Contact development support for a possible workaround to enable this behavior.
10. PR# 19048 ISIS: Corrected driver issue that did not allow the printing of text strings longer than 20 characters
11. PR# 20382 ISIS: Resolved a driver "Not enough memory. (-4500)" issue.
12. PR# 20989 ISIS: Corrected translation issue in Win 7 for Portuguese for color dropout options.
13. PR# 21368 ISIS: Corrected about tab link for contact support to be "www.kodak.com/go/dicontacts"
14. PR# 21373 ISIS: Corrected driver not disabling hole fill properly.
15. PR# 21383 ISIS: Corrected driver issue with profile defaults under Windows 8 (64bit) only.

Supported Models:

Kodak i5200, Kodak i5600, Kodak i5800
Kodak i5200V, Kodak i5600V

Notes:

- This firmware can be used on all Kodak i5200/i5200V/i5600/i5600V/i5800 models but the new features only apply to the i5200/i5600/i5800 models.
- If installing the firmware on Windows 7 PC a "Program Compatibility Assistant" message may be displayed. This is normal. Click "This Program installed correctly" to continue.

Version 3.12.2 Summary

Purpose of Release: This update (CSM1) will add several new features to the Kodak i5000 Series scanners and will correct several issues. See below for more information.

Date: June 15, 2012

New Features from FW 2.2.4: (See updated User Documentation for more details.)

1. Interactive Multifeed feature has been added to allow the operator to choose directly from the scanners control panel to accept or reject the image created during a Multifeed event. The operator also sees the images of the page on the on the scanners display! No changes are needed to the scanning application to use this feature.
2. 500dpi output resolution is now available in the TWIAN driver. (Contact Kodak Support if 500dpi is needed for ISIS applications)
3. The elevator now lowers ¼ inch more when there is a multifeed or when feeding is paused by the user to give more room to adjust the input stack.
4. A3 size pages can now be scanned in 600dpi.
5. Increased the maximum correctable page skew with landscape fed documents.
6. A confirmation message was added to the scanner maintenance meter reset button on the scanner control panel.
7. The scanner can now scan documents with ragged edges or with holes in the lead and trail edges of the pages.
8. Kodak Service may now deliver custom alterations using the scanner operator control panel.
9. The Scanner meter logs available through the TWAIN driver now have total counters for the number of bitonal, grayscale and color pages scanned.
10. Printer Font size may now be customized by Kodak Support. (Professional Services Fee may apply)

Improvements from FW 2.2.4:

1. CR# 3310 Warning messages are given in the incorrect Image Processing Board is installed in the Kodak i5200 model.
2. PR# 18248 Improved background color smoothing.
3. PR# 18445 Corrected problem with rotating very long high resolution images.
4. PR# 18471 Document count is now correctly displayed in all scanner log entries.
5. PR# 18581 German language translations for Document Handling options corrected
6. PR# 18988 Corrected E112 errors when using Edge Fill feature.
7. PR# 19591 Corrected Error 147.
8. PR# 20031 Corrected Image Quality and throughput issues when scanning playing cards.
9. PR# 20176 Corrected iThresholding issue when scanning black and white documents longer than 17in.
10. PR# 19467 Corrected cropping differences between Color/Grayscale and Black and White images.
11. PR# 19708 Program Group link for SVT is now always created during installation.
12. PR# 19311 Corrected recover from error E1088 if scanner powered on with paper in the transport.
13. PR# 19309 Corrected misleading error message E015 if OCP disconnected.
14. PR# 19202 Created Service alteration to adjust sensitivity of Multifeed “Medium” and “Low” settings.

Supported Models:

Kodak i5200, Kodak i5600, Kodak i5800
Kodak i5200V, Kodak i5600V

Notes:

- This firmware can be used on all Kodak i5200/i5200V/i5600/i5600V/i5800 models but the new features only apply to the i5200/i5600/i5800 models.
- If installing the firmware on Windows 7 PC a “Program Compatibility Assistant” message may be displayed. This is normal. Click “This Program installed correctly” to continue.

Version 2.2.3 Summary (05/25/2011)

Purpose of Release: This release was created to add support for a new model, the Kodak i5800 Scanner.

Date: June 25th, 2011

New Features from FW 2.1.0:

1. This firmware now supports three scanner models (i5200/i5600/i5800). The same firmware is used for all three.

Improvements from FW 2.1.0:

1. Grayscale image processing as had minor adjustments to be consistent with other new Kodak Scanners.
2. Corrected problem with Kodak Service function to synchronize board serial numbers after replacement of a circuit board.

Supported Models:

Kodak i5200
Kodak i5600
Kodak i5800

Notes:

- Kodak Field Engineers should update existing i5200 and i5600 scanners with the firmware to prevent additional steps in the event that a circuit board should need to be replaced.

Version 2.1.0 Summary (03/02/2011)

Purpose of Release: This release was created to support a manufacturing related update made to the Scan Module.

Date: March 23rd, 2011

New Features from FW 1.0.8:

1. (None).

Improvements from FW 1.0.8:

1. Change made to support a scan module update.

Supported Models:

Kodak i5200
Kodak i5600

Notes:

- Kodak Field Engineers should install this firmware when replacing Scan Modules.

Version 1.0.8 Summary (01/03/2011)

Purpose of Release: This release was the initial shipping release for the Kodak i5200 and Kodak i5600 scanners.

Date: January 3rd, 2011

New Features from FW 0.0.0:

1. n/a

Improvements from FW 0.0.0:

1. n/a

Supported Models:

Kodak i5200
Kodak i5600

Notes:

- All pre-productions Kodak i5200 and i5600 scanners should be updated to this firmware version or greater.